

## Three phase capacitors

400/415/440/480/525/690 V, 50Hz

### Characteristics and utility

- Three phase capacitor DUAL WINDING internally delta connected
- Discharge resistors Incorporated
- Reactive power factor correction
- Dry type
- Connector type terminal
- Indoor mounting

### Triple safety

- Overpressure disconnection system
- Protection by internal fuses
- DWCAP system (patent) internal windings Displacement

### Construction and materials

- Low losses metallized self-healing polypropylene film, high density, high temperature and greater dielectric resistance Volt/ $\mu$
- Polyurethane self-extinguishing resin V0, developed under standard UL 94 by RTR Energía with certification number 20141031-E470994
- Aluminium case with bottom fixing M12x16

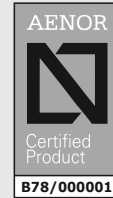
### Discharge time

- 50V/ 60s

### Standards

- IEC 60831-1/2
- EN 60831-1/2

### Certifications



Technical Characteristics	
Capacitance tolerance	-5% +10%
Frequency	50 Hz (60 Hz upon request)
Temperature range	-25°C +55°C / Type D
Dielectric losses	$\leq 0.2$ W/KVAr
Total losses	$\leq 0.45$ W/KVAr
Over voltage	1.10 x Un (8h/day) 1.15 x Un (30min/day) 1.20 x Un (5 min/day) 1.30 x Un (1 min/day)
Over current	1.50 x In
Max. THD in voltage	2%
Max. THD in current	25%
Discharge resistance	Incorporated
Connection	Delta
Voltage test between terminals	2,15 x Un 2 sec.
Voltage test between terminals and case	2,2 Un + 2,2 KV for 2 sec. or 3,6 KV
Inrush current	upto 200 x In
Protection	IP-20
Humidity	Max. 95%
Life Expectancy	130 000 h
Altitude	4000 a.s.l.
Mounting position	Universal



Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D4001005TER0000	10	400	50	14,43	3x66,31	85 x 230
D4001255TER0000	12,5	400	50	18,04	3x82,89	85 x 230
D4001505TER0000	15	400	50	21,65	3x99,47	100 x 230
D4002005TER0000	20	400	50	28,87	3x132,63	120 x 230
D4002505TER0000	25	400	50	36,08	3x165,79	120 x 230
D4003005TER0000	30	400	50	43,30	3x198,94	136 x 230

Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D4151005TER0000	10	415	50	13,91	3x61,61	85 x 230
D4151255TER0000	12,5	415	50	17,39	3x77,01	85 x 230
D4151505TER0000	15	415	50	20,87	3x92,41	100 x 230
D4152005TER0000	20	415	50	27,82	3x123,21	120 x 230
D4152505TER0000	25	415	50	34,78	3x154,02	120 x 230
D4153005TER0000	30	415	50	41,74	3x184,82	136 x 230
D4153505TER0000	35	415	50	48,69	3x215,63	136 x 230

Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D4401005TER0000	10	440	50	13,12	3x54,81	70 x 230
D4401255TER0000	12,5	440	50	16,40	3x68,51	85 x 230
D4401505TER0000	15	440	50	19,68	3x82,21	85 x 230
D4402005TER0000	20	440	50	26,24	3x109,61	100 x 230
D4402505TER0000	25	440	50	32,80	3x137,01	120 x 230
D4403005TER0000	30	440	50	39,36	3x164,42	120 x 230
D4403505TER0000	35	440	50	45,93	3x191,82	136 x 230
D4404005TER0000	40	440	50	52,49	3x219,22	136 x 230

Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D4801005TER0000	10	480	50	12,03	3x46,05	85 x 230
D4801255TER0000	12,5	480	50	15,04	3x57,56	100 x 230
D4801505TER0000	15	480	50	18,04	3x69,08	100 x 230
D4802005TER0000	20	480	50	24,06	3x92,10	120 x 230
D4802505TER0000	25	480	50	30,07	3x115,13	136 x 230
D4803005TER0000	30	480	50	36,08	3x138,16	136 x 230

Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D5257505TER0000	7,5	525	50	8,25	3x28,87	85 x 230
D5251005TER0000	10	525	50	11,00	3x38,50	85 x 230
D5251255TER0000	12,5	525	50	13,75	3x48,12	85 x 230
D5251725TER0000	17,2	525	50	18,92	3x66,21	85 x 230
D5251505TER0000	15	525	50	16,50	3x57,74	100 x 230
D5252005TER0000	20	525	50	21,99	3x76,99	120 x 230
D5252505TER0000	25	525	50	27,49	3x96,24	120 x 230
D5253005TER0000	30	525	50	32,99	3x115,49	136 x 230
D5253505TER0000	35	525	50	38,49	3x134,73	136 x 230

Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D6901005TER0000	10	690	50	8,37	3x22,29	70 x 230
D6901255TER0000	12,5	690	50	10,46	3x27,86	85 x 230
D6901505TER0000	15	690	50	12,55	3x33,43	85 x 230
D6902005TER0000	20	690	50	16,73	3x44,57	100 x 230
D6902505TER0000	25	690	50	20,92	3x55,71	120 x 230
D6903005TER0000	30	690	50	25,10	3x66,86	120 x 230
D6903505TER0000	35	690	50	29,29	3x78,00	120 x 230
D6904005TER0000	40	690	50	33,47	3x89,14	136 x 230